A.N.A.R.T.S. News Bulletin 1361 for 14th August 2005.

Items in this broadcast include

1. Cols Column
2. IPS REPORT
3. VK2SG RTTY DX report
4. OPDX Bulletin excerpts
5. Anarts Information

NEWS FLASH.....LOOK AT THE START OF THE VK2SG DX NOTES
FOR IMPORTANT NEWS OF POSSIBLE CLOSE DOWN OF THE NOTES.

Early Electrical Communication.

Early Electrical Communications, United States.

The new Morse Code had been introduced. The code was a Binary system. that is it had two elements, the Dot and the Dash. As mentioned last week Bi-Signals had been used since ancient times, for example the long and short puffs of smoke used by American Indians.

Francis Bacon in 1674 discusses the subject in his book 'Advancement and Proficiency of Learning'. But the difference in Morse Code and previous Bi-Signal codes is that Morse represented letters by their usage in the English language. The letters used more often, had a short duration and letters not used very often, had a longer duration. This then was the first steps in the science we now know as the 'Information Theory'.

It has more often than not been taken granted that the code was devised by Morse. But it seems that Alfred Vail, Morse's assistant may have been the true author. Vails uncle William Vale in an article named 'The first week of the Telegraph' published in 'Hours at home', and in another article in the 'New York Sun', written by the Editor, casts doubt that Morse wrote the code. The first of these articles hinted at it, and the second makes a definite statement that Vail wrote the code for Morse.

Morse was fanatical in taking legal action against any statements that suggested that he was not the inventor of the Electric Telegraph and anything connected to it, but he took no action against the two articles, even though they received wide circulation.

It is widely believed that Morse took a large quantity of discarded type from his brothers newspaper office and weighed it in order to form an estimate of relative letter frequency. There is no written confirmation of this that can be found. The author of Morse's Biography S. Prime, who is regarded as the most authoritative of Morse's biographers, does not mention this story. He merely includes a copy of the code near the end of the book.

Next week the Morse Telegraph is examined by U.S. Government officers.

73's DE Col VK2CTD.

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IPS Weekly Solar and Geophysical Report 5/11th Aug

SUMMARY

Date	05	06	07	08	09	10	11	
10cm flux	99	93	92	86	83	76	76	
AFr index	6	25	12	6	8	9	6	est
Aaus index	6	22	12	5	7	17	4	est
T index	49	54	58	35	36	34	18	

Solar flare activity was very low 6th and 8/11th low on 5th and 7th.

Geomagnetic activity observed for the Australian Region was quiet on 8th and 11th quiet to unsettled on 5th 7th and 9th and unsettled to minor storm on 6th and 10th.

Southern Australian Ionospheric F2 critical frequencies were near predicted to 20 percent enhanced on 5th enhanced 15 to 20 percent on 6th enhanced 15 percent to near predicted on 7th near predicted 8/10th and slightly below predicted values on 11th.

Forecast for 12/18th Aug

Solar activity was low.

Geomagnetic activity could be active on 16/17th and quiet to unsettled on other days.

Frequencies should be briefly depressed after local dawn on 16/17th. Frequencies should be near predicted monthly values on other days.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

VK2SG RTTY DX Notes week ending 11th Aug

Please take part in a VK2SG RTTY DX Notes survey at:

http://www.aa5au.com/survey/vk2sg survey.html
Note the space between vk2sg and the word survey

Your participation is requested to determine the value of the VK2SG RTTY DX Notes - thank you

(Note from VK2CTD...'In an Email to the RTTY Reflector
Don AA5AU, one of the coordinators of VK2SG DX Notes, asks

Quote AA5AU, DJ3IW, GU0SUP and I5FLN. We have wondered among ourselves the value of the 'Notes and whether the time and effort we put into the 'Notes is worthwhile. Are these 'Notes still useful to anyone? Unquote.

If you think they are please let them know via the above web site. I have logged on to this site, the form used to vote did not work for me, you may have to leave Don an Email instead).

Our information this week came from GU0SUP I5FLN DJ3IW NG3K and OH2AQ's DX Summit. Thank you all.

Bandpass

Friday 5
0011-14081 XE1L
0013-14083 HC2ZE
0042-14082 KH6ZM
0046- 7042 CY0AA
0850-18100 SV9/SV1QN
1109-14086 T6X
1154-21085 C91CW
1425-10142 VQ9LA
1507-18104 4K5D
1517-14081 9V40UV
1537-14089 E20KIR
1616-14090 TK/IZ2GIL
1627-14085 EA6/DK1RF
1628-14082 UN8PIM
1647-14083 LX8DL
1739-14085 TF3GC
1746-10139 SV9/SV1QN
1832-14085 UN8PIM
1834-14084 SV9/SV1QN
1945-14083 FM5AA
2125-14082 EA6/DK1RF
2133-14083 OX3DB
2145-14085 CE3AKK
2330-14085 EA6BH

Saturday 6
0003-14090 EA8ANE
0118-18103 HL50
0305-14083 FO5PS
0406- 7035 VP5/K4SV
0447-14081 FR1HZ
0523-14085 C91CW
0642-14083 EA6/DK1RF
0647-14083 Z32PT
0657-14086 SV9/SV1QN
0702-14085 EA6BH
0707-14083 SV5/OM2TW
1050-21085 C91CW
1101-21083 HS0ZBS
1242-21074 5X1W via JA1DOT
1253-14085 YB5BO
1346-21084 A6/ON5NT
1358-14082 CU6NS

1426-21081 TI8CBT
1515-18120 VP5/K4SV
1703-14088 YB2EMK
1733-14089 T6X
1907-14086 TG4P
1936-14085 HK3SGP
1937-14085 XU7ABN
2032-14083 CU6NS
2035-14085 SV5/OM2TW
2046-14080 VP5/K4SV
2052-14141 SV9/SV1QN
2100-14082 4Z4TL
2143-14086 KP4ED

Sunday 7
0837-21081 SV5/OM2TW
0849-14081 PY0F/CT1BWW
0851-21085 C91CW
1001-14082 BW3/JD1BKQ
1021-21075 5X1B
1225-18104 FR1HZ
1348-14083 CU6NS
1407-14085 C91CW
1420-14083 9V40UV
1440-14079 VP5/K4SV
1523-14086 E21KIR
1724-14084 PZ5RA
1849-14086 6W7RV
2020-14082 EA8OI
2209-14092 Z31GX
2345-14080 PY0F/CT1BWW
2350-14083 HC2ZE

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Monday 8
0016-14080 PY0F/CT1BWW
0020-14086 CN8KD
0311-14080 VK9NS
1228-21074 5X1B
1332-14083 Z32PT
1434-14080 SV5/OM2YL
1500-14080 9V40UV
1554-14083 LX8DL
1629-14083 XU7ABN
1928-14083 ZD7JC
1934-14091 EA6/DK1RF
2234-14083 VP5/K4SV

Tuesday 9
0151- 7037 VP5/K4SV
0631-14084 TK/IZ2GIL
0907-21071 5X1B
0946-14087 Z31MM
1137-18101 5X1B
1330-14080 9V40UV
1431-14083 E20KIR
1459-14080 KP4ED
1705-14083 HS0ZBS

1708-14085 LX8DL
1829-14081 CU6NS
1851- 7035 Z32PT
1914-14085 Z31MM
1917-14084 TF3HP
1923-14084 XE1ZVO
2046-14080 PY0F/CT1BWW

Wednesday 10
1359-14081 EA6/OE1ZKC
1525-18104 5X1B
1538-18101 TI8CBT
2001-14083 PJ2MI
2007-14084 Z31MM
2147-14086 FM5AA
2356-14083 HK6PSG

Thursday 11
0937-14083 CU6NS
1122-14087 Z31MM
1504-18103 A61AJ
1515-18102 TI8CBT
1601-14083 4S7AB
1655-14084 UN7EG
1717-14083 HS0ZBS
1724-14084 HZ1NH
2019-10130 9G5OO
2055-18100 P4/N9LAH
2111-14082 KP4ED
2124- 7039 9G5OO
2142-14088 9G5OO

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Notes of Interest:

Antigua, V2 - Look for W1LR as V25LR and Bill W4WX as
V25WX Aug 15-24. QSL via home calls.

Bermuda, VP9 - K3TRM/VP9 should be active Aug 20-28.
QSL via bureau or direct to home call.

Monaco, 3A - Look for 3A/F8ASY Aug 15-20. QSL via 3A2MD.

The VK2SG RTTY DX NOTES are distributed every week via
the Winlink network and are also available on the Internet
at URL http://mailman.qth.net/pipermail/vk2sg-rtty/
and the digital-dx reflector. To subscribe to the
digital-dx reflector send an e-mail message to
majordomo AT mla.nifty.ne.jp as follows:
Subject:(blank) Message
Body:
subscribe digital-dx

For next week's bulletin send your bandpass and notes of
interest to Phil GU0SUP pcooper AT guernsey.net

GL with RTTY DX Don AA5AU

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The Ohio/Penn DX Bulletin No. 721

5R, MADAGASCAR (IOTA Op)
Dino IZ4AKV plans to be active as 5R8HS from Nosy Be Island (IOTA AF-057) Aug 25/Sep 8. Look for activity on all HF bands. QSL via IZ4AKV (QRZ.com).

DXCC NEWS
Bill Moore NC1L ARRL DXCC Branch Manager announced that the following operation has been approved for DXCC credit: T6EE Afghanistan Operation from Sep 19 Oct 16.

HB0, LIECHTENSTEIN
Members of the Eindhoven Student Radioamateur Club (ESRAC) will be active from Sareiser Joch now thru Aug 16th. They will be signing as HB0/PA6TUE (QSL via PI4TUE) and possibly HB0/homecall. Activity will be on 160-6M and UHF, with an emphasis on the lower bands, 6M and the digital modes RTTY PSK31 SSTV JT6M.

HB0, LIECHTENSTEIN
Roger/ON7TQ and Marcel/ON6UQ will be active as HB0/ON7TQ and HB0/ON6UQ Sept 17-24. Activity will be on all HF bands on CW SSBRTTY SSTV and maybe PSK32. QSL via their home callsigns. They will put up a 3 element 3-band yagi, a R7, an inverted L (AKI) 40M and dipoles for 80/160M. Rigs are: FT1000MP and TS850S with about 400W.

IOTA NEWS
AS-062. Operators Vladimir/RV1CC Serge/UA1ANA Yuri/RA0FU and Elen/ RV3ACA will be active from Shikotan Island (RR-15-06) Aug 10-18. All operators will sign homecall/0 except Yuri he will sign RA0FU/p. QSL via their home callsigns.

EU-011. The special event station callsign GB0SM will be activated from St. Mary's Isles of Scilly Sep 24 to Oct 1. Activity will be CW SSB and possibly some Digital. Bands will be 160-6M.

EU-170. Lada OK1LO will be active as 9A5LO/p from Pasman Island (CIA-34 CI-085 and MIA MC-291) now thru Aug 15. Activity will be on 80-10M. QSL via his home callsign direct or by the bureau.

NA-046. Adam K2ARB will be active as K2ARB/1 from Martha's Vineyard (USI MA-005S) now thru Aug 30. Activity will be on CW on 80/40/30/20/17M. QSL via his home callsign direct or by the bureau.

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NA-052. Karl/N1DL and Joe/KK9TT (signing K5MI) will be active

from Marco Island (USI FL-025S Collier County, Florida) thru Dec 31. Activity will be on 40-10M CW SSB PSK and possibly RTTY. QSL for both callsigns via N1DL direct.

NA-111. Ross K3HR will be active as K3HR/2 from Long Beach Island until Sep 6. QSL via the bureau.

OC-NEW. Members of Team YE1P will be going to Karimata Island and be active as YE7P Sep 1-5. The team consists of YB5QZ YB5NOF YB2MTA YB0A YB0DPO YB0ECT YB0JS YB0KLI and YB1TC (Team Leader and QSL Manager). It is requested that all EU chasers please send donations and QSL requests to IZ8CCW. For Japan please send to JN6RZM and for NA SA please send donations and QSL requests to Al-K6SIX.

JW, SVALBARD
Howard G6LVB will be travelling to Svalbard in the next few weeks (current plans Aug 26-28) to do some minor upgrades to a satellite station at: http://www.svalsat.com He is intending to take some LEO satellite gear with him so if youd like to add JW to your DXCC list let him know at howard-howardlong.com Howard states, Despite its northerly location it has coverage to Canada and the North Eastern U.S. as well as Japan. I will definitely be active on AO-51 SO-50 AO-27 PO-28 (lets hope) and if I have room for SSB equipment I will operate FO-29 VO-52 and possibly AO-7. The ISS never travels far enough North for me to take a shot at it. There are no plans to take any HF gear, whatever that is.

LX, LUXEMBOURG
Marcus DL1EKC will be active as LX/DL1EKC/P from Aug 10-26. Operation is planned on the classic bands from 80-10M. Marcus will enter the WAEDC as a Single-Op/Low-Power station. There might be some 6M activity after the contest.

MICROLITE BALTIC TOUR (2005)
Vincenzo IZ0FKE informs OPDX that it is getting too hot in Italy during the summertime and it is time take a break (holiday) and maybe cool off in Scandinavia. He plans to activate a couple of islands and rent cottages very close to the Baltic Sea (just metres of coaxial from the radio to the antennas). This will be a microlite setup (Yaesu FT-857 and wires antennas). His current schedule is as follows Augst 13-20 - Active as OH0/IZ0FKE from Aland Islands (Aland Main Island), IOTA EU-002. Activity will be on HF SSB and 6M with Live Media Coverage by MMS Pictures 1,2 Megapix. Visit his interesting Web page for more details and maps and photos at http://www.iz0fke.com

P5, NORTH KOREA
The following was sent out early in the week by Mike NA5U on Aug 2nd. The Lone Star DX Association in conjunction with Dr. David Borenstein announces the following:
Dr. David Borenstein KA2HTV will be traveling to Pyongyang Democratic People's Republic of Korea, North Korea, during the month of Aug. He has received written permission from the North Korean government to operate as P5/KA2HTV during his stay. While radio operating is not the primary reason for his visit Dr. Borenstein hopes to be able to operate 1-2 hours a day and will stay an additional three days devoted entirely to radio operation. For security reasons he will only operate SSB and primarily 20M. Dr. Borenstein will arrive on Aug 9th and depart on the 23rd. QSL requests should be sent to KK5DO. Operation from P5 is at the pleasure of the host country so the DX community should keep their collective fingers crossed that all goes well.

SV5, DODECANESE
Hubert DK9NCX will be active as either SV5/DK9NCX or J45R from the Island of Rhodes (IOTA EU-001 MIA MGD-028) now thru Augt 20. Look for activity on 160-10M with an emphasis on the lower bands. QSL via his home callsign direct or by the bureau.

VP9, BERMUDA
Frank K3TRM will be active as K3TRM/VP9 while on vacation from Aug 20-28. Activity will be on 80-6M including the WARC bands using SSB RTTY and PSK31. QSL via his home callsign direct or by the bureau. Additional information is available on his Web site at: http://www.k3trm.com/

VP9, BERMUDA
Operators Al/K7AR Robert/W7YAQ Scot/K9JY and Will/N7OU will be active as VP9/K7AR from VP9G0E's QTH during the CQ/RJ WW DX RTTY Contest (Sep 24-25) as a Multi-2 entry. By ops K7AR W7YAQ K9JY N7OU.

XQ, CHILE (COTA Op)
Sergio IZ6BRN C.O.T.A. member will be active as XQ3/IQ6CC now thru Dec. Activity will be mainly on SSB 17/15/12/10M. QSOs are good towards the C.O.T.A. (Carabinieri On The Air) award. QSL via IZ8DDG by the bureau or direct to Orlando Balisciano, Villa Bisignano 5 Traversa, 21 80147 Napoli - Italy.

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The Society can be contacted in the following ways
To Pat VK2JPA via patleeper at optusnet.com.au or
Col VK2CTD via ctdavies at bigpond.net.au or
you can drop a line to P.O. Box 93 Toongabbie NSW 2146.
73's for this week from Pat VK2JPA Broadcast Officer
NNNN